

FIG. 1

PRIOR ART

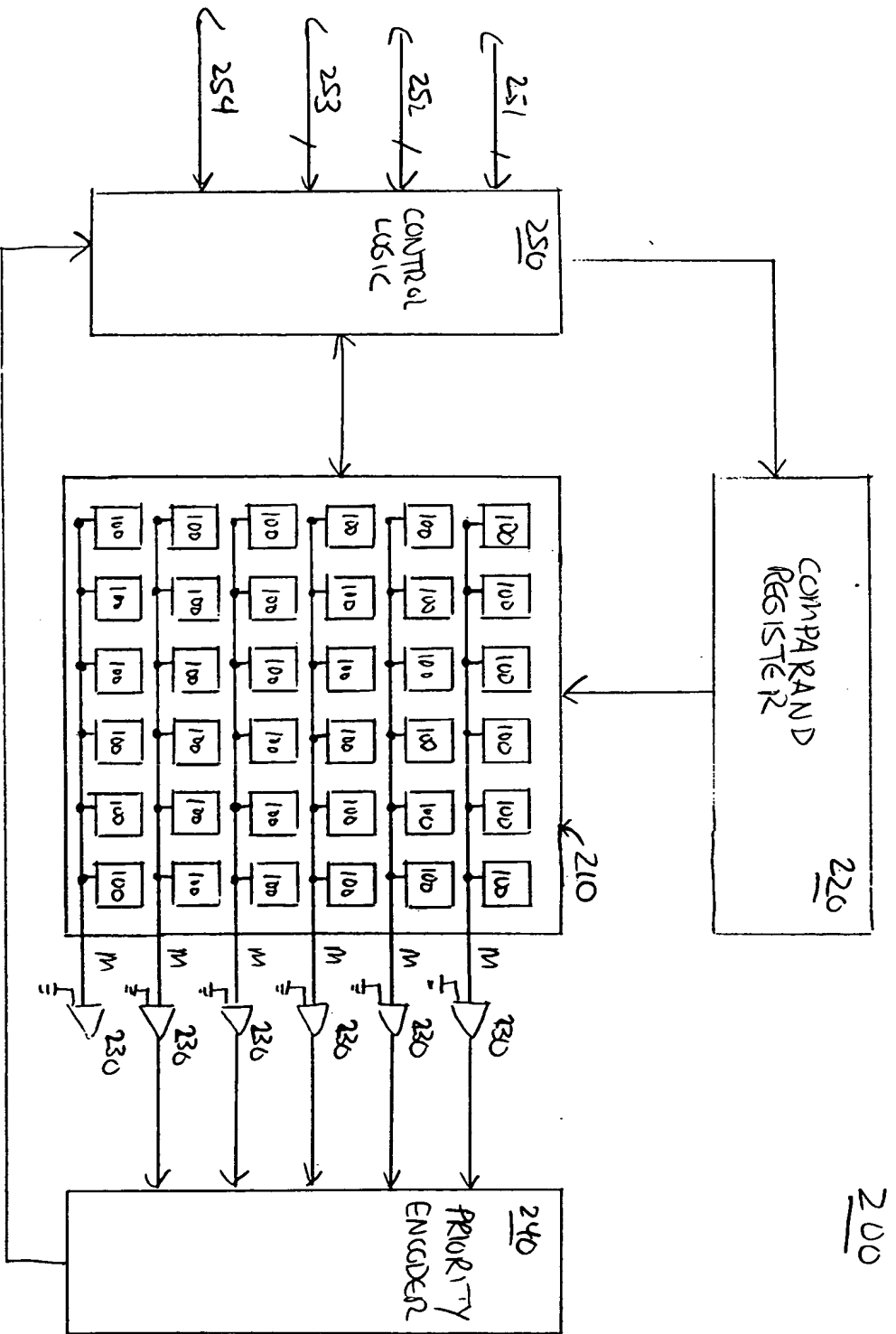
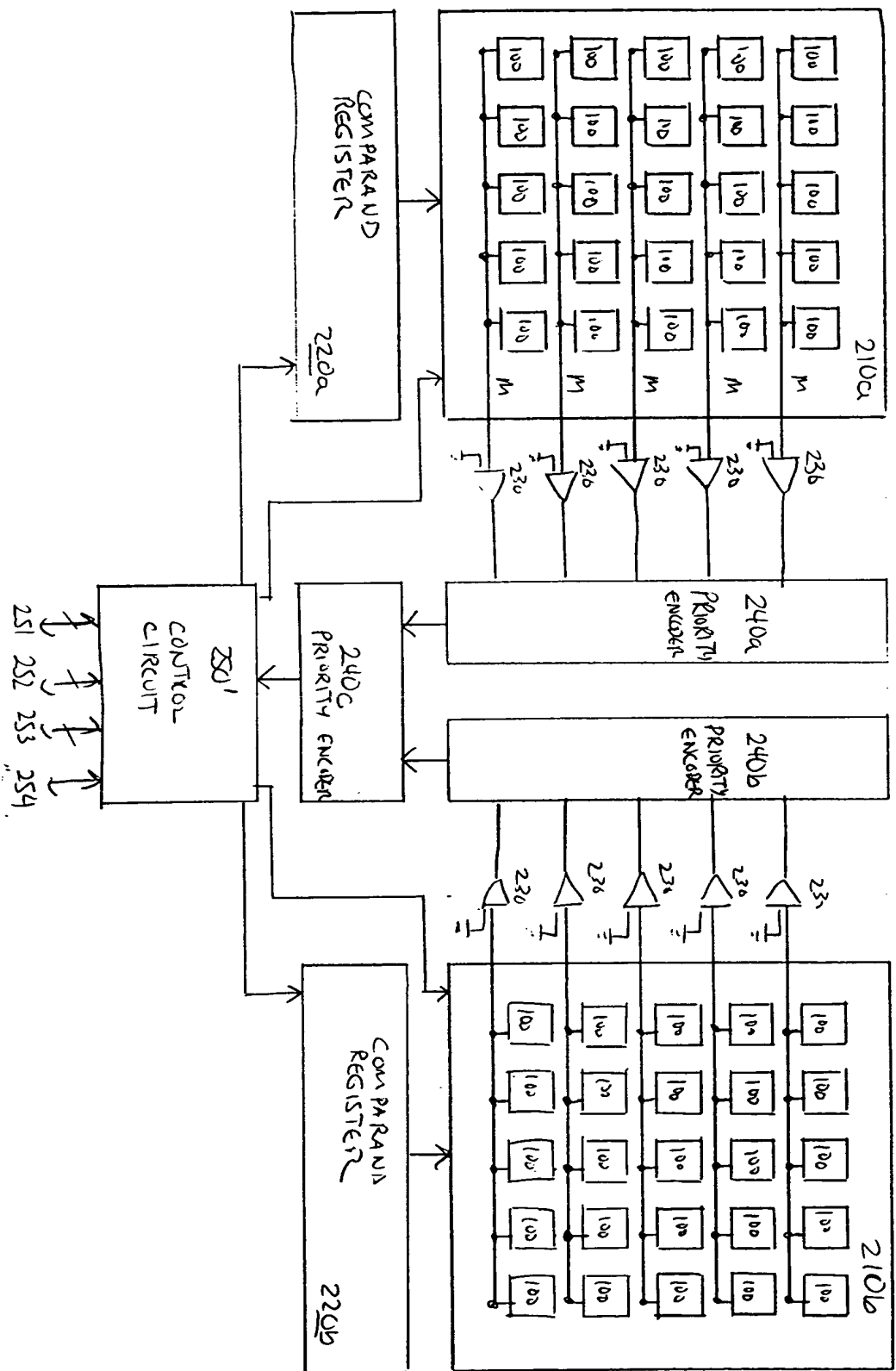
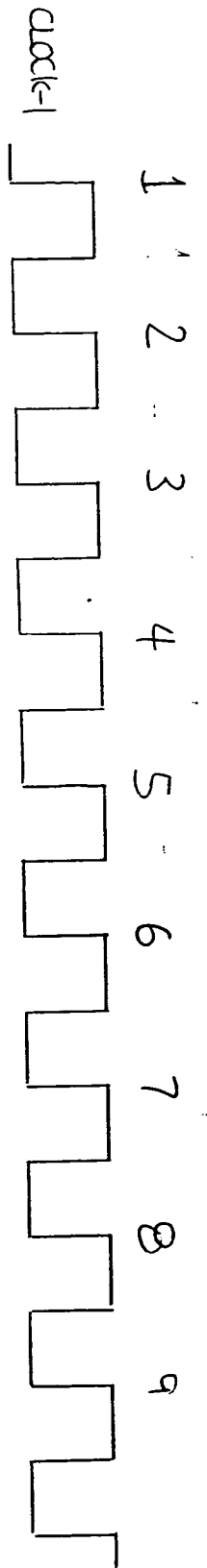


FIG 2
PRIORITY

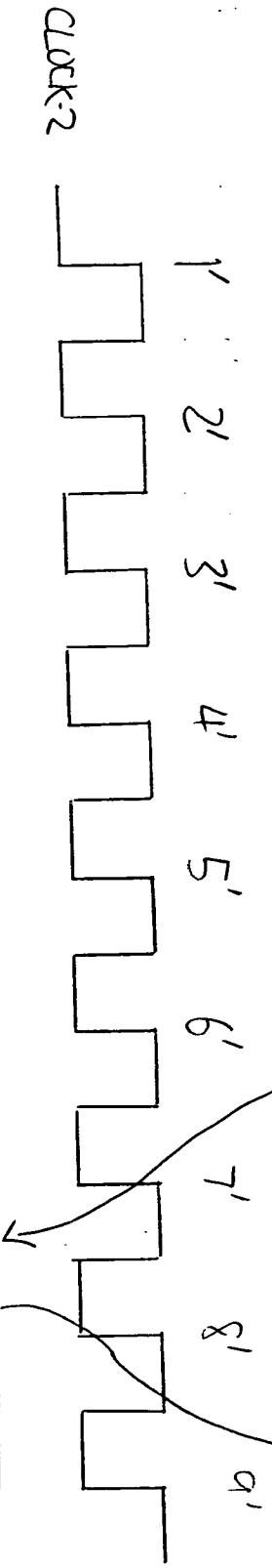
FIG. 3A
300





ACTIVITY

Search command and data arrives	Command Decode	Command Load	Execute Search	Output matches	Priority Select Match A	Idle	Idle	Output final search result
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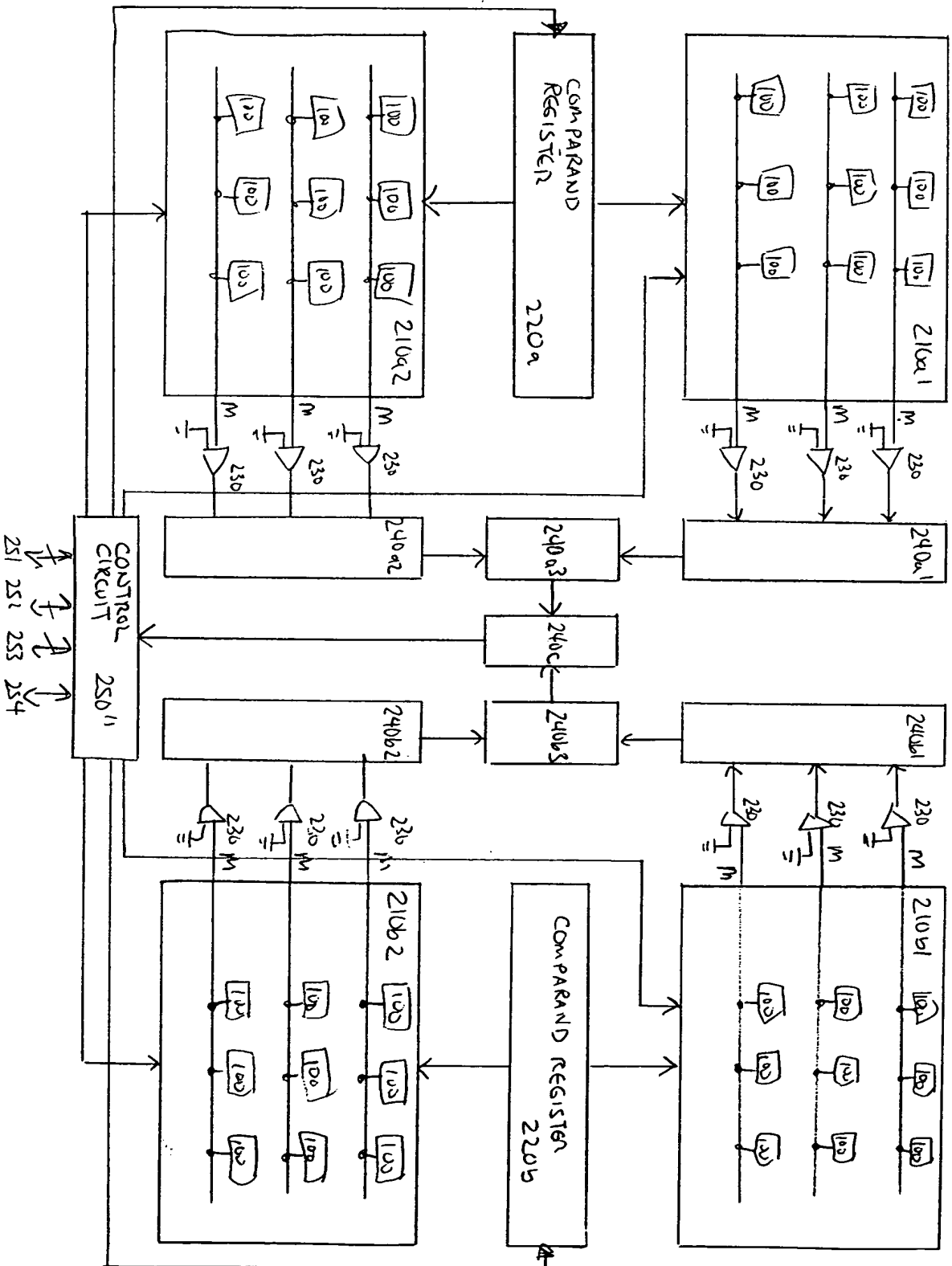


Idle	Idle	Command Load	Execute Search	Output matches	Priority Select match B	Priority Select match C	Idle
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FIG. 3B

300'

FIG. 4A



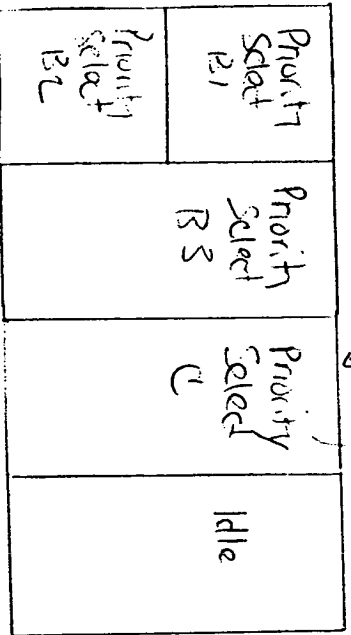
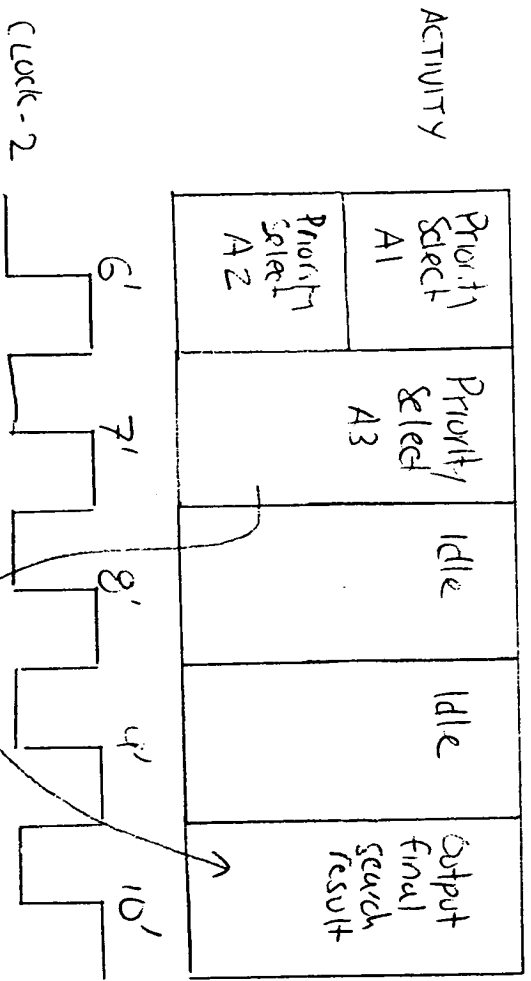
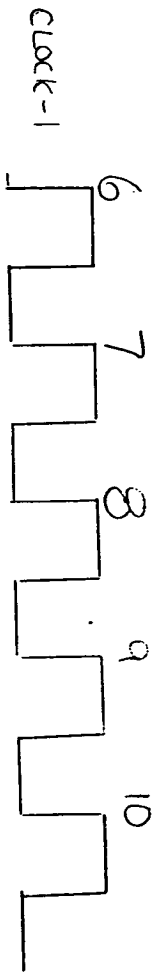


FIG. 4B

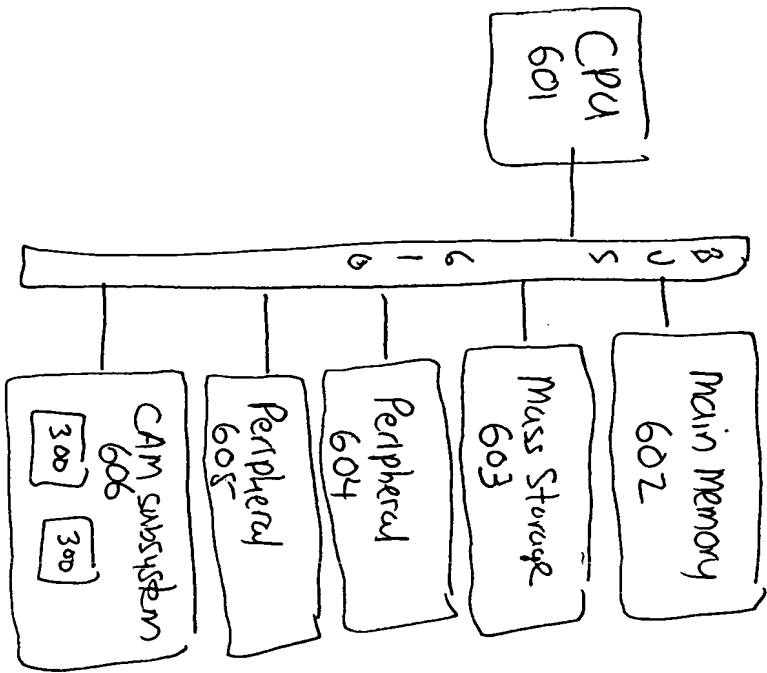


Fig. 5